The Call Letter

July, 2023
Volume 49 #7

The Puget Sound Antique Radio Association
and the
Northwest Vintage Radio Society

Proudly Present the annual antique/vintage radio swap meet

FREE:
POPCORN
SNO-CONES
PARKING
ADMISSION

NO:
BUYER FEES
SELLER FEES
Sellers do need to bring own tables

Vintage Electronic Gear; TV, Radio, Ham Audio, Phono & Video may be seen sold traded or Purchased.

Saturday, July 29th 2023 - 9:00 am -1:00 pm
1354 Pleasant Valley Road, Chehalis, WA 98532

Contact info: psarapresident@pugetsoundantiqueradio.com
or NWVRS@yahoo.com

NEXT MEETING

July 8 at the Abernethy Grange

The Northwest Vintage Radio Society

Post Office Box 82379 Portland, Oregon 97282-0379

The Northwest Vintage Radio Society is a non-profit historical society incorporated in the State of Oregon. Since 1974 the Society has been dedicated to the preservation and enjoyment of "Vintage Radio" and wireless equipment. Membership is open to all. The dues are $25.00 for domestic membership, due on January 1st of each year.

The Call Letter has been in print since 1974 and is a publication that informs members of the society's business and that supports the hobby of collecting, restoring and preserving vintage radios.

Society meetings are held the second Saturday of most months at the Abernethy Grange Hall at 15745 S. Harley Ave. in Oregon City, Oregon. They convene at or about 9:30 AM for the purpose of displaying radios, conducting Society business, and exchanging information. Contact a society officer to confirm the location of the next meeting. Guests are welcome at all public meetings and functions. Society functions include guest speakers, auctions, restoration classes, radio shows, and radio sales which are announced in the Call Letter and held in and around the Pacific Northwest.

With each issue of the Call Letter, we remember Jim Mason, a charter member of the society who remained active until his death in 1998. A generous bequest from Jim's estate ensures the vitality of the Northwest Vintage Radio Society, and continued publication of the Call Letter.

Society Officers

President Pat Kagi (360 909-7009) patkagi@yahoo.com
Vice President Franklin Ouchida crazykeychains@gmail.com
Treasurer Ed Tompkins (360 635-2489) edtomp@gmail.com
Recording Secretary Scott Thomas wst123@comcast.net
Board member Mike McCrow (503) 730-4639) soundmikey14@gmail.com

Key Volunteers

Call Letter Editor Dick Karman Relivingradio@karmans.net
Archivist Dan Howard nvrsdan@gmail.com
Photographer Sonny Clutter Radiolaguy@outlook.com

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Radio Repair Mentors

Members willing to mentor small groups in Radio Restoration:

Blake Dietze	360 944-7172 Vancouver
Ed Tompkins	360 635-2489 Vancouver
Mike McCrow	503 730-4639 Beaverton

President's Message

By Pat Kagi, President

Summer is here!

Remember to place our summer picnic and swap meet in Chehalis on Saturday, July 29th on your calendar. (Poster ad on the cover.)

NWVRS will take care of all of the refreshments, hot dogs and hamburgers with all of the fixings. Since this is a potluck, please, please bring your favorite picnic dish (no power or ovens available).

This event is a combined effort with PSARA to bring both of our clubs closer together. In years past this has been a great cross "pollination" of our organizations. Make an effort to be there.

Only two weeks later we will have a pizza and salad party at our annual TRASH BASH on Saturday, August 12th . It will be held at our August meeting at the Abernethy Grange in Oregon City.

Reminder: We started in June, with a training on the identification, repair, and restoration of the All American Five radio. The training sessions have been arranged and presented by Blake Dietze. This is scheduled to be at 12 training sessions. Be sure to attend all of these meetings!

Meeting Minutes

By Secretary Scott Thomas

The May 13,2023 meeting of the NW Vintage Radio Society was called to order at 9:30 AM by President Pat Kagi.
The membership and visitors pledged allegiance to the flag.

New Members: Bob Corley

Health & Welfare: Diane Wise, Dick Dielschneider completed his knee surgery and is now home; Tom Marshall is recovering in the hospital; and Bob Duel is recovering at home.

Treasurer Report: Ed reports a gain to the Jim Mason Fund $47,000+, and the club Cash on Hand $15,000+

Leads and Needs: Donation pickup is needed in Corvallis

Old Business:

Oregon Science Festival. We are looking for a table host, and need to know within two weeks! Dates 9/16-9/17

Perhaps 1 or 2 dozen PSARA members would like to receive our newsletters, but we cannot add to our google groups because of duplicate emails.

Use psara_seattle@googlegroups.com to include Seattle members in discussions, items for sale, items wanted, etc.

2nd Galen Feight sale is upcoming next week. A lot of fantastic deals were discovered there.

Open Homes; Sonny Clutter up to 3 members, and George Kirkwood home is always available. Please call to arrange.

New Business:

Wednesday Night Zoom Meeting: Hosted by Mike Farrabee, UPCOMING! Build a Coil Winder using Arduino technology.

Swap Meet Joint Swap meet/Barbecue in Chehalis 7/29 from 9AM-1PM. Volunteers needed!

Monthly Feature:

Five Tube Radio, Dan Howard showed an early 5 tube TRF receiver and speaker, Dan also showed off 5 metal Arvin Radios, one being an early prototype model. George Kirkwood showed his Atwater Kent rebuilt unit that he re-fashioned with parts he had at home. The original radio was crushed.

Tube of the month:
Mike McCrow talked about the 55 tube.

Tech Talk:
Blake,Mike McCrow and Mike Farrabee presented a talk on the All American 5 radio Power Supply.

Future Events:
Chehallis Swap Meet with PSARA 7/29/23, and
Trash Bash 8/12/23 with Pizza and Salad

Meeting was Adjourned

Birthday greetings for July

Esteban Mendoza
Philip Rossi
Michael Smith
Lee Stanford
David Wise

If you'd rather not have your birthday recognized in the Newsletter please let the board know at patkagi@yahoo.com

Editorial Announcement

SWAP SHOP:

We did a "clean Sweep" of the ol' Swap Shop in July. Your editor chased out the cobwebs and straightened out the floor. He would welcome your "wants" or special items for sale.

If you have a set, or dial, or piece that you are looking for, include a photo of a similar part so we can help you find it.

If you have a radio (one at a time) that you are wishing to sell, send a photo and a short description to the editor.

It will be included in the PLUS pages of the Call Letter approximately every other month until it is removed.

Photo Memories of the June Meeting

A booming ***Free Table*** in June

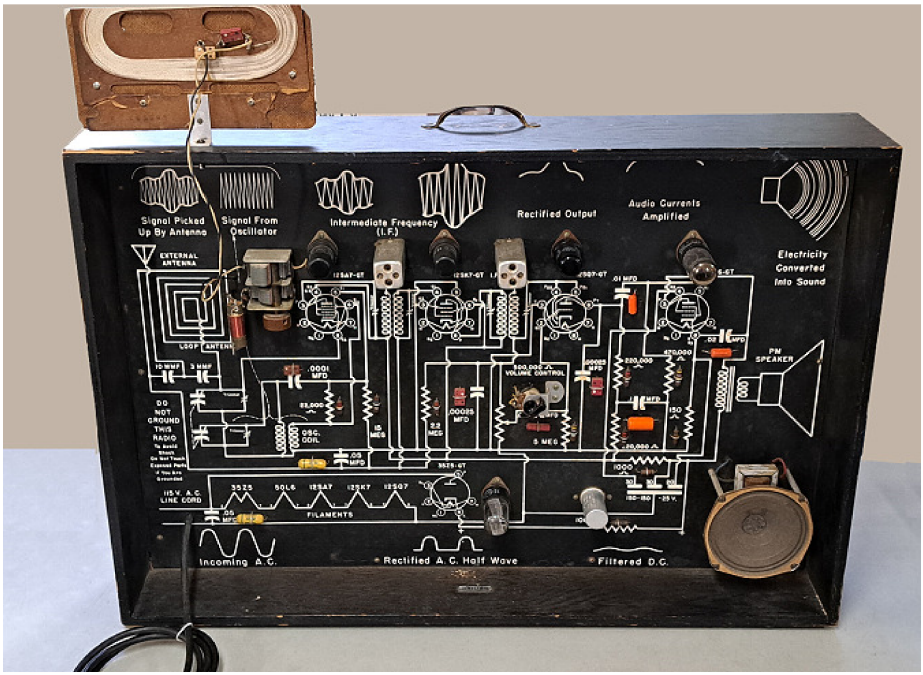
An unbelievable Auction:

Voltage Regulated 5 Volt "A" and 18 volt (Detector "B" supply, and 85 volt Amplifier "B" supplies. This was expressly designed by an engineer for use with Westinghouse Regenerative Receivers such as the model RC. With filament and plate voltages stabilized against line voltage changes, the regeneration control marked "TICKLER" can be adjusted for extreme sensitivity. A long wire antenna typically 75 to 150 feet long, and a good ground connect are required for this and other regenerative receivers.
SOLD

Restored Westinghouse RC unit and a Custom Power Supply $100

June Featured 5 Tube Radios

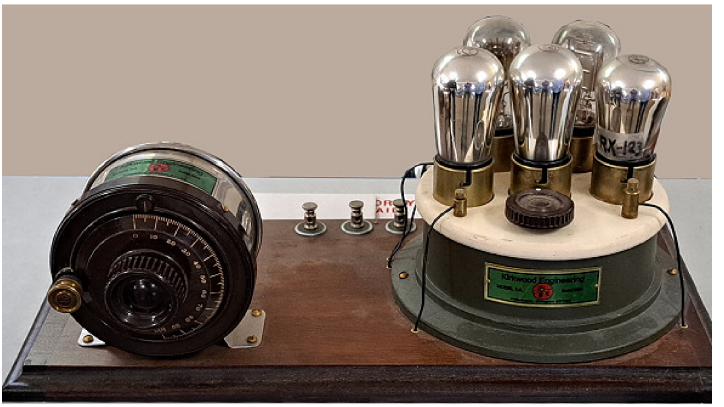
Blake Dietze "All American 5" circuit and training board.



Dan Howard's "Arvin" collection

HEADQUARTERS FOR
KEEN KUTTER
Five, 5-Tube, 500-Series Metal Arvin Radios
Arvin 502 (early) ca. 1940
Arvin 502A (late) ca. 1940
Keentone 502A ca. 1940
Arvin 522 ca. 1941
Arvin 524A ca. 1942

Mike McCrow's
5 Tube Philco



George
Kirkwood's
five tube
Homemade
Atwater Kent

Dick Howard's Colin B. Kennedy with speaker circa 1924

Tube of the Month 6L6

by Mike McCrow

The 6L6 is a beam power tetrode that was developed by RCA in April of 1936. The design was a variant of a UK design by EMI in 1933 that was never developed, due to difficulty in manufacture of alignment of the grid wires. The 6L6 is the first beam power tube. It has greater performance over the power pentode. The metal tube version was introduced by GE using the metal envelopes made by RCA. The early development of the metal tubes had some advantages over the glass tubes of the mid 1930's. More rugged, smaller, electromagnetic shielding, and smaller interelectrode capacitance. The tube became very popular in public address, and musical instrument amplifiers, radio transmitters, and audio output of radio.

Original ratings for class A single ended max: Plate 350v @ 54ma. Screen 250v @ 7ma. Grid bias -18v. Power output 10.8 watts. Later, voltage and power ratings were pushed up due to improvements in thicker plates, larger dia. grid wire, grid cooling fins, and ultra-black coatings.

Some confusion has arisen as to whether the 6L6 is a beam power tetrode or a pentode. Several tube manuals show the pinout chart with a suppressor grid that would lead one to think it is a pentode (chart 1). In all actuality it has a beam focus space charge. This compresses the electron flow from the cathode to the plate that is the beam (chart 2).

For 87 years the 6L6 has been manufactured and improved. As of today it is still being made in Russia, China, and Slovakia.

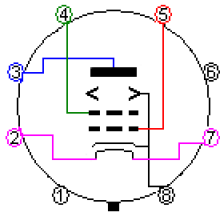
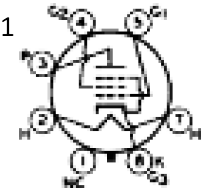


Figure 2

Figure 1



Meet Mike-

(I asked Mike Farabee
to introduce himself)

I am Mike Farabee and I grew up in the city of Medford, Oregon. From an early age, I had a fascination with building and tinkering with mechanical and electrical components.

At the age of 14, I acquired an amateur radio license through a class in school. The instructor Walter P. Hoffman, help shape my career and life! My tinkering lead me to work on old TVs and radios in my bedroom, which could not have happened without my supportive and tolerant parents! During my high school years, I worked at Phoenix TV Repair.

After gaining degrees in Electrical Engineering and Computer Science, I worked in the semiconductor industry for 34 years.

I retired from Intel nearly a decade ago, but I am still fascinated with technology and technical problem-solving. I am actively involved in various projects and organizations, including Repair Clark County, where I contribute my skills to repairing and revitalizing broken items and the Portland CNC group, where makers discuss their latest projects and interests.

I am the Chair of the Tech Committee for Evergreen School District, where people from industry play a pivotal role in shaping technological advancements in education. I have also mentored the Union High School robotics team and have judged submissions for the software portion of the SkillsUSA competition.

Throughout my life, I have been lucky to have found great mentors that have laid the foundation for my endeavors in the field of electrical engineering and computer science. My hope now is through volunteering, I can give back and be a mentor for others.

I live in Clark County and am married to an awesome woman that puts up with me and all of my hobbies. I have two children that both live locally. I love surf fishing also!

My interest in the Vintage Radio organization is actually not in the radio's themselves although many remind me of the ones I owned and worked on in my youth. My interest is in the technical

side. I love old test equipment and being able to understand and troubleshoot the circuits.

I am actively involved in 3D printing, programming, microcontrollers, home automation, welding, machining, robotics and CNC. I believe in the spirit of lifelong learning, sharing expertise, and inspiring others to embrace the wonders of the technical world. There is nothing better than have my 4 year old granddaughter help me take apart a toaster, igniting her own curiosity and passion for hands-on learning.

101 years ago in Portland

From Art Redman

The Oregon Journal from October 1922: Hallock and Watson Ad

.

A Proposal

for your consideration

The editorial staff of the Call Letter wishes to make this proposal for your consideration:

In as much as 2024 marks the end of the first 50 years of the NW Vintage Radio Society, and

Food, Fellowship and Hardware have been a part of the society for 50 years, and

Few of the original Charter Members are still with us 50 years later, and

The society, through technology, has members and active contributors across the country, and

Since the founding took place in the later months of 1974.

I propose that one of the events during the later months of our 50th year be a "**Founder's Banquet.**" To include, wives and families, good food, a restaurant decorated with radios & memorabilia; trivia games a photo booth; a time to "Zoom" with members who can't attend; an honoring of the original 37 charter members, with a memorial minute honoring those charter members who are 'silent keys' ; entertainment; an open microphone

And the official beginning of the *second* 50 *years.*

All comments are welcome – nay-sayers go to the front of the line.

The NW Vintage Radio Society celebrates our first 50 years

1974 - 2024

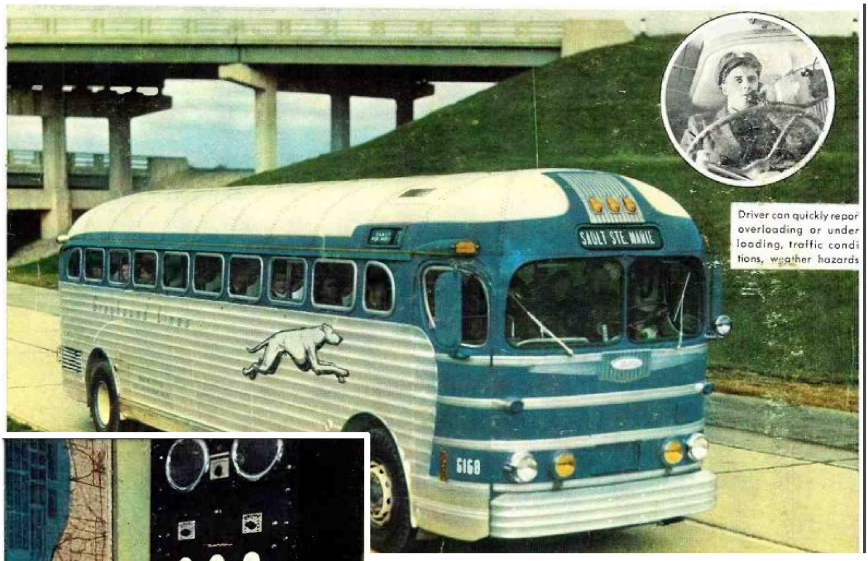
Plan now to be a part of it !

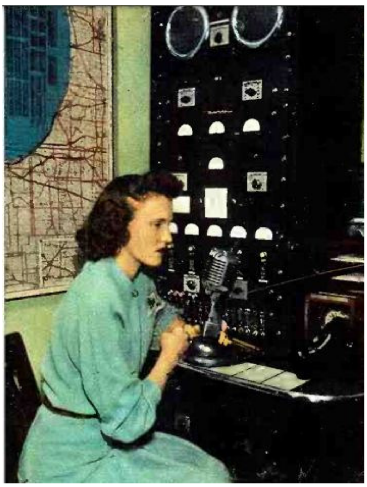
Olin Batteries, advertised in 1948 (Manufactured in Connecticut)

Two-Way Communications

Greyhound Bus lines was moving a lot of people in the post-war years. This story from 1948 boasts that Motorola sold the bus company on equipping each bus with a two-way radio to report delays or "over-loading" to a routing dispatcher even before the bus reached the next phone booth. Innovation in communication.

Greyhound Bus improves service, saves mileage, reduces delays with *Motorola* 2-way radio





***Motorola* 2-way radio**

and Sylvania Lock-In Tubes . . . . .

Swap Shop

I need two vintage radio wooden cabinets to house two battery sets. They both need to fit a front panel that is 7" high and 24" wide. - Dick Howard Howard27@Comcast.net

August Trash Bash:

. . .an opportunity to rid yourself of unwanted radio gear and parts, while giving others free things that they didn't even know they needed.

At the August 12 meeting (at the Abernethy Grange Hall) we will provide the recycling trailer for your unwanted radio related parts. Those that don't get picked up for use by other members will be dismantled and recycled. Further enticement will include a "pizza picnic" complete with salads (for those who forget their teeth).

WNRZ Wednesday Night Radio Zoom

Every Wednesday evening at 7 pm (Pacific time) all interested parties take part in a discussion of old radios, parts, repair and restoration. This is just as close as your phone or computer. Join us! Email for an invitation patkagi@yahoo.com.

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FIRST CLASS MAIL

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